

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1777	(modem or bus) and packet and dma and ca	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 14:49
S2	2070	(modem or bus) and packet and dma and ca	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 19:42
S3	10	(modem or bus) and (packet with (dma and ca))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:16
S4	0	((gregory near andre) or (diane near mcelyea) or (steven near mcgee)).in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:28
S5	12	((("5193163") or ("5990939") or ("6138176") or ("5524216") or ("5890217") or ("5761526"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/04 20:35
S6	2227	bus and (packet near type) and (buffer\$4 or memory or storage or ram or rom) and transmi\$6 and receiv\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:38
S7	16791	direct near memory near access	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:37
S8	562	S7 with packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:38
S9	2179	(control near access) with packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:37
S10	69	S8 and S9	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:38
S11	60	S10 and bus	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:38

## EAST Search History

S12	60	S11 and (buffer\$4 or memory or storage or ram or rom)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:00
S13	16561	"direct memory access"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:45
S14	15376	"control action"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:39
S15	1	(S13 and S14) with packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:40
S16	1	2003-697177.NRAN.	DERWENT	OR	OFF	2005/01/04 20:39
S17	8747	packet near3 type	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:40
S18	3772	S17 and bus	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:40
S19	3616	S18 and (buffer\$4 or memory or storage or ram or rom)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 21:12
S20	869	S19 and reset and tim\$4 and broadcast	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:41
S21	82	S19 and (function same (reset and tim\$4 and broadcast))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:50
S22	71	S21 and (bus with interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:50
S23	126411	bus near4 (system or line)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:50
S24	10033	packet near4 type	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 17:19

## EAST Search History

S25	41	(function same (reset and tim\$4 and broadcast) same packet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 20:51
S26	10	S23 and S24 and S25	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 21:11
S27	2127	packet with discriminat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 21:12
S28	95	S19 and S27	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 21:12
S29	6949	(modem or bus) and (packet with (discriminat\$ or separat\$ or select\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 17:00
S30	6309	S29 and (buffer\$4 or memory or storage or ram or rom)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:00
S31	4688	S29 and ((buffer\$4 or memory or storage or ram or rom) with packet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:01
S32	867	(packet with instruction) and S31	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:02
S33	115	reset and timer and broadcast and S32	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:28
S34	257	370/422,423.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:28
S35	7031	(modem or bus) and (packet with (discriminat\$ or separat\$ or select\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 17:31
S36	4739	S35 and ((buffer\$4 or memory or storage or ram or rom) with packet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:31

## EAST Search History

S37	879	(packet with instruction) and S36	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:28
S38	116	reset and timer and broadcast and S37	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:52
S39	1	S34 and S38	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:29
S40	943	(modem or bus) and (packet with (discriminat\$ or separat\$ or select\$4)).ab.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 17:31
S41	547	S40 and ((buffer\$4 or memory or storage or ram or rom) with packet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:31
S42	30	reset and timer and broadcast and S41	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:51
S43	362	(transaction near type) same packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:51
S44	46	reset and timer and broadcast and S43	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 17:52
S45	17918	bus adj2 address	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/06 17:58
S46	15484	packet with buffer\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 17:58
S47	406	S45 and S46 and (packet with type)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 18:01
S48	365	S47 and (bus with interfac\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 18:01

## EAST Search History

S49	365	S47 and (bus with interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 18:01
S50	269	S47 and (bus near2 interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 18:01
S51	248	S50 and write and read	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 18:02
S52	177	S50 and ((write and read) same packet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 18:02
S53	117	S52 and (bus with line)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 20:51
S54	23173	((bus with line) or (system near bus)) with interface	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 20:52
S55	13571	(buffer or memory) same S54	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 20:52
S56	569	(packet near4 type) and S55	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 20:52
S57	36	((packet near4 type) same instruction) and S55	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 20:52
S58	82	(system near4 bus) same (packet with type) same (buffer or memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 14:59
S59	75	device and S58	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 14:52
S60	40	(system near4 bus) same (packet with type) same (buffer or fifo)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:00

## EAST Search History

S61	10	(system near4 bus) same (packet with type) same (buffer or fifo) same interface	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:05
S62	138	bus same (packet with type) same (buffer or fifo) same interface	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:05
S63	12	(bus near4 (line or system)) same (packet with type) same (buffer or fifo) same interface	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:18
S64	392	(packet with type) same (buffer or fifo) same interface	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:18
S65	77	(packet with type) same (buffer or fifo) same ((bus or line) near2 interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:19
S66	16574	"direct memory access"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:45
S67	12363	control\$4 same S66	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:45
S68	340	(packet with instruction) and S67	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:46
S69	288	S68 and (bus same interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:46
S70	120	S68 and (bus same interface same (buffer or fifo))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 15:56
S71	1025	(multi\$2 near4 bus) and packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:05
S72	404	(access and (control or action)) with packet with type	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:05

## EAST Search History

S73	14	(access and (control or action)) with packet with type with (buffer or fifo)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:07
S74	558	(packet near4 type) with (buffer or fifo)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:07
S75	269	S74 and ((bus or line) with interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:08
S76	145	S75 and instruction	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:08
S77	91	S75 and (packet same instruction)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:31
S78	4	(dma and ca) with (buffer or fifo) with packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:33
S79	291	(dma and control) with (buffer or fifo) with packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:33
S80	224	S79 and ((system or bus) with interface)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:33
S81	69	S80 and (packet near type)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:46
S82	3154	(packet with type).ab.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 17:19
S83	37820	((line or bus) with interface).ab.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:47
S84	71	S82 and S83	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 15:47

## EAST Search History

S85	27	S84 and (fifo or buffer or memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:01
S86	892	S82 and (fifo or buffer or memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:01
S87	357	S86 and interface	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:02
S88	44	dma and S87	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:14
S89	18165	dma with (fifo or buffer or memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:14
S90	467860	(control or action) with (fifo or buffer or memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:14
S91	9670	interface and S90 and S89	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:14
S92	34	S82 and S91	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:23
S93	53312	control same (reset or timer or broadcast) same (fifo or buffer or memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:24
S94	71	S82 and S93	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:24
S95	12	dma and S94	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 16:52
S96	2	("6327625").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 16:53



## EAST Search History

S97	0	interleav\$4 and S96	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 17:18
S98	1176	(dma and interrupt) with (buffer or fifo)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 17:19
S99	3154	(packet with type).ab.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 17:19
S10 0	5	S98 and S99	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 17:46
S10 1	235	375/130-377.ccls. and (packet near type)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 17:46
S10 2	30	375/130-377.ccls. and (packet near type) and dma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:05
S10 3	2	("6609167").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:05
S10 4	0	reset and timer and broadcast and S103	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:05
S10 5	1	reset and S103	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:06
S10 6	1	tim\$4 and S103	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:10
S10 7	2646	(scsi or pci) and broadcast	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:10
S10 8	712	S107 and dma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:10

## EAST Search History

S10 9	474	S108 and reset	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:10
S11 0	289	S109 and packet	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:10
S11 1	134	S109 and (packet with type)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:11
S11 2	131	S111 and (buffer or fifo)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:11
S11 3	108	S112 and timer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:11
S11 4	0	S113 and (reset same timer same broadcast)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:12
S11 5	8	dma and (reset same timer same broadcast)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:26
S11 6	0	(scsi or pci) and dma and (reset same timer same broadcast)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:27
S11 7	8	dma and (reset same timer same broadcast)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:29
S11 8	748	dma and (reset and timer and broadcast)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:27
S11 9	293	(scsi or pci) and S118	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:27
S12 0	111	S119 and (packet with type)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:28

## EAST Search History

S12 1	174	(reset same timer same broadcast)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:29
S12 2	111	S121 and functions	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:33
S12 3	82	(broadcast same timer) and (scsi or pci)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 18:34
S12 4	40	(broadcast same timer same (instruction or packet)) and (scsi or pci)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:35
S12 5	10	(broadcast same timer same (instruction or packet) same function) and (scsi or pci)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:54
S12 6	372	709/235.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:54
S12 7	1925	709/235,220,250.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:55
S12 8	664	710/104.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:55
S12 9	126	713/160.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:55
S13 0	2667	S127 or S128 or S129	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:55
S13 1	184	S130 and (packet near type)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 18:55
S13 2	6112	(bus near arbitrat\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 11:15

## EAST Search History

S13 3	14	(US-4612653-\$ or US-5144621-\$ or US-5528621-\$ or US-5555430-\$ or US-5890217-\$ or US-6453388-\$ or US-6526024-\$ or US-6609167-\$ or US-6674750-\$ or US-6687757-\$ or US-6707818-\$ or US-6731652-\$ or US-6823405-\$).did. or (US-20030161391-\$).did.	USPAT; DERWENT	OR	ON	2005/08/08 11:15
S13 4	3	S132 and S133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/08 11:23
S13 5	23	S132 and asp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:30
S13 6	743	adaptec.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:30
S13 7	15	S136 and (bus near arbitr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:38
S13 8	19	advantage with (bus near arbitr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:39
S13 9	24	purpose with (bus near arbitr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:40
S14 0	61	function with (bus near arbitr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:43

## EAST Search History

S14 1	14	advanced near serial near protocol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 10:45
S14 2	2	("6609167").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 11:19
S14 3	71709	(system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:19
S14 4	2	("6609167").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 11:19
S14 5	1	S143 and S144	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 11:29
S14 6	2	("5890217").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/09 11:29
S14 7	1	arbiter and S146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:44
S14 8	2372	serial same (bus same arbitra\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:44

## EAST Search History

S14 9	1696	serial same (bus with arbitra\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:44
S15 0	588	serial same (bus near arbitra\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:10
S15 1	285	S150 and (system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:45
S15 2	230	S150 and (system near bus)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:51
S15 3	2994	device same (bus near arbitra\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:51
S15 4	1229	S153 and (system near bus)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:10
S15 5	426	S154 and pci	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:02
S15 6	194	S155 and dma	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:03
S15 7	332	(device same (bus near arbitra\$5)) and dma and pci	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:10

## EAST Search History

S15 8	194	S157 and (system near bus)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S15 9	1454	375/219,220.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 0	2115	709/235,220,250.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 1	725	710/104.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 2	138	713/160.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 3	4371	S159 S160 S161 S162	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 4	332	(device same (bus near arbitra\$5)) and dma and pci	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 5	194	S164 and (system near bus)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31
S16 6	6	S163 and S165	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:31

## EAST Search History

S16 7	25	((("6041400") or ("6704310") or ("5193163") or ("5990939") or ("6138176") or ("5524216") or ("5890217") or ("5761526") or ("5502718") or ("6195593") or ("6772263") or ("20030135678"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 20:00
S16 8	2404	(device with (processor dsp)) same arbitrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:00
S16 9	1090	S168 and (system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:03
S17 0	2	("6718413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/22 20:01
S17 1	2	(process\$4 dsp) and S170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:01
S17 2	325	S168 same (system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:03
S17 3	260	S172 and @ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:48
S17 4	21296841	@ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:19



## EAST Search History

S17 5	27871	device with (system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:13
S17 6	262699	device with (dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:17
S17 7	7102	S174 S175 S176	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2005/12/22 20:07
S17 8	543	device with (system near bus) with arbitrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:13
S17 9	285	S178 and S177	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:16
S18 0	1864	(peripheral near device) same (system near bus) same (dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:19
S18 1	1236	S174 and S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:17
S18 2	1014	S176 and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:17

## EAST Search History

S18 3	70160	device with include with (dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:17
S18 4	447	S182 and S183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:17
S18 5	9	S178 and S184	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:18
S18 6	10630	(peripheral near device) with (dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21
S18 7	927	S186 same (system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21
S18 8	625	S187 and S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:20
S18 9	13019	(peripheral near device) with (microprocessor dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:25
S19 0	1075	S189 same (system near bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21

## EAST Search History

S19 1	159	S190 and scsi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21
S19 2	117	S191 and S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:21
S19 3	3871	(peripheral near device) with include with (microprocessor dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:25
S19 4	4011	(peripheral near device) with (comprise include) with (microprocessor dsp processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:25
S19 5	432	scsi and S194	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:26
S19 6	268	S195 and S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 20:26
S19 7	2	("6609167").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 09:40
S19 8	1	control and S197	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:41

## EAST Search History

S19 9	1	dma and S198	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:47
S20 0	1864	dma same control same arbitrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:47
S20 1	1481	buffer\$4 and bus and S200	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:48
S20 2	21327051	@ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:22
S20 3	1155	S201 and S202	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:49
S20 4	15329	bus with arbitrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:49
S20 5	1059	S203 and S204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:49
S20 6	442	dma and ca and S205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:49

## EAST Search History

S20 7	57821	control\$4 near action	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:49
S20 8	15	S206 and S207	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:49
S20 9	33720	dma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:17
S21 0	6200	dma with buffer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:17
S21 1	6415	dma with buffer\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:26
S21 2	226595	(control adj action) interrupt	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:18
S21 3	8246	buffer\$4 with S212	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:18
S21 4	8246	S212 and S213	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:18
S21 5	1273	S211 and S213	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:18
S21 6	1273	S211 and S213	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:18

## EAST Search History

S21 7	21361828	@ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:19
S21 8	1056	system and bus and S217 and S216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:20
S21 9	72121	memory adj access	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:20
S22 0	907	S218 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:21
S22 1	229	transceiver and S220	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:22
S22 2	48627	buffer with (transmi\$6 and receiv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:21
S22 3	485	S220 and S222	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:21
S22 4	179	transceiver and S223	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:22

## EAST Search History

S22 6	669	dma with buffer\$4 with (transmi\$6 and receiv\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:28
S22 7	0	((control adj action) interrupt) with buffer\$4 with (tranmi\$6 and receiv\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:27
S22 8	0	((control adj action) interrupt) with buffer\$4 with (tranmi\$6 and receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:43
S22 9	533	S226 and bus and S217	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:29
S23 0	511	S229 and ((control adj action) interrupt set clear)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:30
S23 1	511	S229 and ((control adj action) interrupt set clear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:30
S23 2	145	transceiver and S231	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:42
S23 3	15886	dma same ((control adj action) interrupt set clear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:43
S23 4	6726	S219 and S233 and S217	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:43

## EAST Search History

S23 5	0	S233 same buffer\$4 with (transmi\$6 and receive\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:44
S23 6	9	S233 and buffer\$4 with (transmi\$6 and receive\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:46
S23 7	38295	(buffer fifo memory ram rom storage) with (single one) with (receive\$4 and transmi\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:48
S23 8	3404	(buffer fifo memory ram rom storage) with (single one) with (receive\$4 and transmi\$6) with address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:48
S23 9	2279	S217 and S238	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:48
S24 0	1285	S239 and system and bus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:49
S24 1	206	S240 and transceiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:56
S24 2	27260	direct adj memory adj access	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:56



## EAST Search History

S24 3	28127	control adj action	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:56
S24 4	206	S242 and S243	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:56
S24 5	206	S244 and (memory buffer ram rom storage )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:57
S24 6	156	S217 and S245	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:57
S24 7	70	S244 and (memory buffer ram rom storage ) with (transmi\$6 and receiv\$5) and S217	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/09 21:58
S24 8	4	((("6609167") or ("6718413")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/22 09:36
S24 9	6	("4491945"   "4982401"   "5537414"   "5592536"   "5754754"   "6353866"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/14 13:24
S25 0	328	dma and (control adj action)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:21
S25 1	21391532	@ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 12:22

## EAST Search History

S25 2	243	S250 and S251	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:08
S25 3	4764	709/206.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:07
S25 4	328	dma and (control adj action)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50
S25 5	21391532	@ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:48
S25 6	243	S254 and S255	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:08
S25 7	1	S253 and S256	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:08
S25 8	17	"709" and S254 and S255	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:09
S25 9	0	"709\$4" and S254 and S255	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:08

## EAST Search History

S26 0	55972	709/201-253.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:10
S26 1	16	S254 and S260	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/21 13:10
S26 2	21391532	@ad <= "20010919"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:49
S26 3	2152	375/219,220.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50
S26 4	5166	709/235,220,250.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50
S26 5	1086	710/104.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50
S26 6	362	713/160.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50
S26 7	8688	S263 S264 S265 S266	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50

## EAST Search History

S26 8	5258	S267 and S262	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:50
S26 9	360	(dma (direct adj memory adj access)) and (control adj action)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:53
S27 0	5	S268 and S269	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 11:51
S27 1	1	((dma or (direct adj memory adj access)) (control adj action) buffer\$4 bus instruction).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/24 11:53
S27 3	1	S271 S267	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/24 11:54